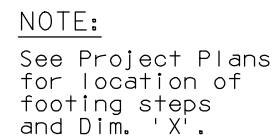
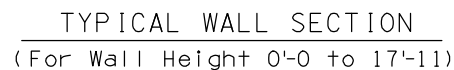
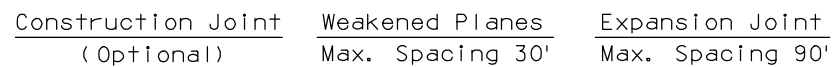
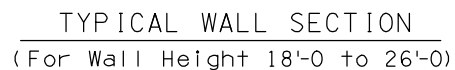


NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	Original Issue	S.J.H.	10-99
2	Reinforcing	S.J.H.	7-01
3	Revise Reinforcing, General Update	S.J.H.	02-07
4	*	*	



FOOTING STEP DETAIL



TYPICAL JOINT DETAILS

Detail drawn for 8" thick wall

Item No. 9140136
SOUND BARRIER WALL (CONCRETE)
Measure: Square Foot

WALL SCHEDULE							
Wall Height H	Wall Thick D	Ftg. Depth T	Ftg. Width W	Reinforcing			Min. Req. Allowable Soil Bearing Capacity (psf)
				Wall	Footing		
				Vert.	Bottom Trans.	Bottom Long.	
0'-0 to 3'-11	6"	10"	1'-6	#4@12"	#4@12"	2-#4	1,000
4'-0 to 5'-11	6"	10"	2'-0	#4@12"	#4@12"	2-#4	1,300
6'-0 to 7'-11	6"	10"	2'-6	#4@12"	#4@12"	4-#4	1,500
8'-0 to 9'-11	6"	10"	3'-0	#4@12"	#4@12"	4-#4	1,600
10'-0 to 11'-11	8"	1'-0	3'-6	#4@12"	#4@12"	4-#5	1,700
12'-0 to 13'-11	8"	1'-3	4'-6	#5@12"	#5@12"	6-#5	1,900
14'-0 to 15'-11	8"	1'-6	5'-0	#5@12"	#5@12"	6-#5	2,000
16'-0 to 17'-11	10"	1'-6	5'-6	#5@12"	#5@12"	6-#5	2,100
18'-0 to 19'-11	10"	1'-9	6'-0	#5@12" E. F.	#5@12"	6-#5	2,300
20'-0 to 21'-11	12"	2'-0	6'-3	#5@12" E. F.	#5@12"	6-#6	2,500
22'-0 to 23'-11	12"	2'-3	6'-6	#6@12" E. F.	#5@12"	6-#6	2,500
24'-0 to 26'- 0	13"	2'-6	6'-9	#6@12" E. F.	#5@12"	6-#6	2,500

DESIGN APPROVED <i>Shafiq H. Hasan</i>		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION BRIDGE GROUP STRUCTURE DETAIL	
APPROVED FOR DISTRIBUTION <i>Tean A. Nehme</i>		SOUND BARRIER WALL (CONCRETE)	
ROUTE	PROJECT NO.	FA NO.	DRAWING NO. SD 8.01
LOCATION			SHEET NO. OF